

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. – 2. **(Cancelled)**

3. **(Currently Amended)** The method according to claim ~~2~~ 4, wherein the image data is color separation image data has been subjected to under color removal and/or gray component replacement.

4. **(Previously Presented)** An edge enhancement method for processing image data comprising:
providing rasterized continuous tone color separation gray level image data;
providing an operator adjustable modification of the strength of the gray scale value substituted for the rasterized continuous tone color separation gray level image data;
determining an adjustable threshold value in a thresholding criterion in response to an input from an operator;
establishing a current binary pixel value that employs the threshold value in accordance with the thresholding criterion;
examining a current binary pixel and pixels neighboring thereto, in accordance with predetermined criteria, to determine an adjustment of the current binary pixel to gray scale value to reduce edge jaggedness of the image; and
substituting the gray scale value for the current binary pixel to reduce edge raggedness of the image.

5. **(Currently Amended)** The method according to claim ~~2~~ 4, wherein the image data is color separation image data that has been subjected to a color transformation process.

6. **(Cancelled)**

7. **(Currently Amended)** The method according to claim 2 9, wherein the adjustable threshold value is determined in accordance with a selection by the operator of a color image processing that includes under color removal and/or gray component replacement.

8 **(Cancelled)**

9. **(Previously Presented)** An edge enhancement method for processing image data comprising:

processing image data using under color removal and /or gray component replacement; and

adjusting edge enhancement processing of the image data in accordance with whether or not under color removal and/or gray component replacement is used or the extent of such use, wherein the adjustment includes adjustment of a threshold value used for comparing image data processed by under color removal and/or gray component replacement.